PRECEIVED

CENTRAL FAX CENTES

DEC. 17. 2003 10:41AM

HOLLAND & KNIGHT

## HOLLAND & KNIGHT LLP

One Atlantic Center 1201 West Peachtree Street, N.E. Suite 2000 Atlanta, Georgia 30309-3400

404-817-8500 FAX 404-881-0470 http://www.hklaw.com

FACSIMILE

Annapolis Atlanta Bethesda Boston Bradenton Chicago Fort Lauderdale Jacksonville Lakeland Los Angeles Miami New York Northern Virginia NO. 8735 Orlando Portland Providence San Antonio San Francisco Seattle St. Petersburg

St. Petersburg Tallahassee Tampa Washington, D.C. West Palm Beach

International Offices: Caracas\* HetsInkl Mexico City

Rio de Janeiro

São Paulo Tal Aviv\* Tokyo

Representative Offices

## SENDER'S DIRECT FAX: (404) 541-4419

TO: U.S. Patent and Tradem	ark Office	(703) 872-9306
NAME	COMPANY/FIRM	FAX NUMBER
Washington	DC	(703) 308-4357
CJTY	STATE	(TELEPHONE NUMBER)
FROM:	<u> </u>	
Susan Vincent	(404) 817-8596	11
NAME	TELEPHONE	TOTAL PAGES (Including Cover Sheet)
FOR THE RECORD:  DATE: December 17, 2008  FAXED BY:	URGENCY: SUPER RUSH	CLIENT NAME: MOBT 212
CONFIRMED: TYES INO	NAME:	TIME:
If you did not receive all of the pages or find that they are illegible, please call (404) 817-8500	attachments, may contain inform exempt from disclosure. If you ar for delivering it to the intended of copying, printing, distribution or this facsimile is strictly <b>prohil</b> please immediately notify us by stated above, and destroy the orig	This facsimile, along with any documents, files, or nation that is confidential, privileged, or otherwise to not the intended recipient or a person responsible acipient, you are bereby notified that any disclosure, use of any information contained in or attached to pitted. If you have received this facsimile in error, facsimile or by telephone collect at the numbers ginal facsimile and us attachments without reading, and recoperation is appreciated. Thank you.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Maura C. Cannon, Francis C. Cannon, Gabriel J. McCool,

Henry E. Valentin, and Kenneth J. Gruys

Serial No.:

09/479,040

Art Unit:

1634

Filed:

January 7, 2000

Examiner:

Arun K. Chakrabarti

For:

POLYHYDROXYALKANOATE BIOSYNTHESIS ASSOCIATED PROTEINS

AND CODING REGION IN BACILLUS MEGATERIUM

ATTN: EXAMINER ARUN CHAKRABARTI:

Enclosed are copies of the 1449 forms and signed Declaration for the above-identified patent application, as requested.

Susan Vincent, Legal Assistant

# 1462862\_v1

8. 200			معامده بيسمه	استرسي السرانيون علم		-		
Form PTO-1449 (medited)				11899.0212.N	Atty_Decket No. 11899.0212.N9US00 (MOBT±312)		Serial No. 09/479,040	
		a Publications (b) po Disclosure 8		Applicati Mayra C. Ca	ppos et al.			
	_	erupid phinis if hitten	187) ·	Filing Date: January 2, 20		Gree 1643		
U.S. Patent Decreases size Page 1		Poreig	ign Pulsat Documents See Page 2		Other Airt See Page 2			
· · · · · · · · · · · · · · · · · · ·	<del></del>	<del> </del>	us pa	tent Docum	ents			
norn.	HeL Des.	-Document	Date	*Naptrie.	Class	Bub Glass	Filing Date II	
AC.	A)·	5,942,660	08/24/99	Conys.ct.al:	400	294	04/04/96	
		4	Foreign 1	Blant Docu	ments			
init.	Ref.	Document Number	Deta	Country	Class	Sat Claus	Transintion Yeathle	
	Đì	92/19741 -	11/12/92	TCT	1	1		
	B2 -	WO 98/04713	02/05/98	PET	1 ]			
1	Other	Art (includi	ng Autho	or, Title, Date	e Pertir	ent Pa	ges, Etc.)	
eist.	Raf. Dan.			Citati				
	a.	<del></del>		PCT/US00/00364				
	C	Li, N. and China Accumulation is lifterobiology, 9	Boothus meg	loloculus Genetic As aterium, 95 <sup>th</sup> Gener	nalyzis of P of Meeting	of the Amer	alkanostu (PHA) ican Society for	
	-C3 ′	McCool, G. and Curron, M.C., identification and Characterization of the phaBC Locus from Bacillus magnitures, 97th Clemeral Macron of the American Society for Microbiology, 57: 281 (1997).						
	C4	McCool, G. and Cannon, M.C.; Bacillas megaterina polyhydraxyalkanosse gene chater, complete sequence, EMBL Sequence Database, X8002138871 (1909).						
	G	McCool, G. and Cannan, M.C., Polyhydroxyalicanoam Inclusion Body-Associated Promise and Coding Region in Bacillus magniculum, Journal of Biotechnology, 181: 585-592 (1999).						
1c.	.C6	PORTAL PROPERTY	is from Booth	ivation of the Esche of inegalarhum, pour Notecimal, 49: 737	असंबर्ध चडक संब	polybychoz		
		1 .		0				
		A 1		1 V				

PAGE 215 \* RCVD AT 11/18/2003 4:45:52 PM (Eastern Standard Teme) \* 8VR:USPTO-FFXRF-2K\* DNGS:7464979 \* CSID:484 898 8002 \* DURATION (mm-ss):62-48

NOY.

8. 2003	4:46P	M HOLLAND & KNIGHT		NG. 3206 P. 3
Form P1	D-1449	(poplified).	Any, Docket No. 11899.0212.NPUS06 (MORT:212)	Seriel No. 09/479,040
		d Dublications for Applicately	Applicant Marira C. Carrion at al	
Harc		ALDISCLOSURE STATEMENT	Filing Date: Lanuary 7, 2000	Grante 1643
To C. December 19 Portigo			Print Documents See Page 2	See Page 2
	)ther	Art (Including Autho	r, <del>Title, Date Pert</del>	nent Pages, Etc.)
Exem.	Ref. Den.		Challen	
AC:	.07			emily of Biodegradable Plastics and 2-150 (1995).
	CI	4 /		Biodegradable Thermophatics, 449:
X	-69	Valentin, H.E., et al., Metaboli hydrocylenty(sec) from 4-frydri 60 (1995).	ic pathway for blosynthesis of paybunyrain by Alecaliguests of	of poly(34)4 Grony busyrett-co-4- edrophus, Eur. J. Biachem., 227: 43-

INFORMATION DISCLOSURE STATEMENT - PTO-1449 (MODIFIED)

PAGE 35 \* RCVD AT 11/18/2003 4:45:52 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-2/1 \* DMS:7464679 \* CSID:404 898 8002 \* DURATION (mm-ss):62-48

-NOV. 18. 2003 4:46PM HOLLAND & KNTGHT

NO. 3206 P. 4

Form PTD-1449-(Modified) that of Petents and Publications for Applicant's Information Disclosure Statement			Atty Docket No MORT: 176-0-2,12		Sertel No.		
			Applicant	s): Gorand F. Barry, a	t pl.		
			Filling Date 2000	February 22	Group: 1652		
		, <del>, , , , , , , -</del>	U.3, Pr	nant Dopuments			
Exam. igit.		Paterit Number	idenal Dute	inventor Numels)	Class/Subolets	Filing Date	
RC.	AJ	5,229,279	7/1993	Peoples, et al.	435/135		
1	· A2	5,612,659	4/1996	Peoples, et al.	536/23.2		
	A3.	0,661,026	871997	Peoples, et al.	435/252,3	1	
	A4	6,663,062	9/1997	Peoples; et at.	·· 495/135	1.	
	'A5	5,634,432	7/1998	Peoples, et al.	435/240.4	<del>                                     </del>	
	AB	5,245,023	9/1093	Peoples, et al.	538/23.2		
	A7	5,250,430	10/1903	Péoples, et al.	435/282		
	AD	5,480,794	8/1094	Peoples, erat.	435/232		
			Poreign i	Mont Downseits	والمروان المناسوا التي الأدام		
		Dae. Number	Date	Country	Clear/Subclass	Translation Yes/No.	
	B1.				<u> </u>	<u> </u>	
				n Information			
	CT	Characterization of growth on octans	of intraoglitier . J. Basteriol.	their, J. Kingme, and fi inclusions formed by , 154: 070-878,	Pseudomonas oleom	=	
	€2:	-Dunkop, W. and A.W. Robards. 1973. Ultrastructural study of poly-8-bydrosybutyrate granules from Backlus careus. J. Bacteriol., 148: 1271-1280.					
	СЗ	Eggink, G., P. de Waerd, and G.N.M. Hulborts. 1982. The tole of fetty acid biosynthesis and degradation in the supply of substrates for poly(5-hydroxyalkanuale) formation in Pseudomonas public. FEMS Microbiol, Pays., 103: 159-164;					
	C4	Pay B hydroxybu	ndyrum; IC Ok tyrate granole	ornora, and Pchi. Narc e. J. Mot. Biol., 35: 40	1955-2011, 1988, Morp 97-502.		
		The suprambleou Pseudomonas ok	der architectur sovorana, Ffa	ectinier, T.E. Reclings e of the polyhydracysi MS <i>Microbiol</i> , Rev., 10	kanoste inclusions in 13: 278-268,	•	
V	C6	Immunocytochen the surface of PH	rical emilysis. 18 granules. J	hubbe, A.J. Şinskey, a of poly-8-hydroxybutyr J. Bacteriol., 175: 5289	ata (PHB) synthese ( 15293.	enzyme aL	
Acl	C7	Griebet, R., Z. Sa Purification, com from flacible me	position, and p	etrick, 1968. Metaboli respection of native pel	em of poly & hydroxy y & hydroxyburytota	bulyrale. 1. granules.	

PAGE 415 - RCVD AT 11/18/2943 C.45:52 PM (Eastern Standard Time) - EVR.USPTO-EFXRF-2/1 - CNES:7484979 - CSID:104 998 8002 - DURATION (mm-55)-07-48

NO. 3206 P. 5

NOV. 18. 2003 4:47FM HOLLAND & KNEGHT

Form PTQ 1442 (Modified) US SerialTSo. (19/137,440 Group Art Unit; 1662 Page 2.

Other Information (con't)				
Ac	C8	Haywood, G.W., A.J. Anderson, L. Chu, and G.A. Dawes, 1988. Characterization.cf. two 3-retofulctases in the polyhydroxysikanoele synthesizing organism. Albaligeaus. - eutrophus FERS'Microbiol. Lett., 52; 91-96.		
	E9	Hugng, A.H.C. 1992. Of bodies and olegains in seads. Annu. Rov. Plant Physiol. Plant. Mol. Biol., 43: 177-200.		
	C10	Lauzier, C., H.H. Marchesseutt, P. Smith, und H. Chertzy, 1992: Structural study of included poly(6-hydroxybutyrete) granules. Polymer, 33: 826-827.		
.]_	C11	Lee, S.V. 1995. Rectarial polyhydronyalkanostus. Bibliotimology & Engineering, 49: 1- 14.		
	C12	Lundgren, D.G., R.M. Pfinter, and J.M. Werrick. 1964. Structure of poly-6- hydroxybutyric acid granulus. J. Gon, Microbibl., 34: 441-448.		
	C13	McCoot, G.J., T. Fernandez, N. Li, and M.C. Cennon. 1986. Polyhydroxyalkenoste. inclusion-body growth and proliferation in Bacillus megaterium. FEMS Microbiol. Lett., 137: 41-49.		
	C14	Pieper-Furst, U., M.H. Madkour, F. Mayer, and A. Steinbochel. 1994, Purification and characterization of a 14-kilodation protein that is hound to the surface of polyhydroxyalkanoic acid granules in Phodococcus ruber. J. Baeteriol., 178: 4326-4337:		
	C75	Pieper-Furst, LL, M.H. Madicur, F. Mayer, and A. Steimbachel. 1995. Identification of the region of a 1A-kilodation protein of Rhodecoccus rober that is responsible for the binding of this Phasin to polyhydronyalkanele acid granules. J. Bacteriof, 177: 2513—2523.		
	C16	SteinDechel, A., K. Acris, W. Babel, C. Foliner, W. Clebergesell, M.H. Medicer, F. Meyer, U. Pieper-Foret, A. Pries; H.E. Velentin, and R. Wieczorek. 1995. Considerations on the structure and blocksmissry of pacterial polyhydroxyalkanolic acid inclusions. Can. J. Microbiol., 41: 94-105.		
	C17	Steinhöchet, A., E. Flustede, M. Liebergesell, U. Pieper, A. Timm, and H. Valentin 1992: Molecular basis for blosynthesis and accumulation of polyhydroxyalisapole acids In bacteria: FEMS Microbiol: Pev., 103: 217-230		
	-C18	Steinbüchel, A. and H.G. Schlegel. 1981. Physicings and molecular genetics of poly(phydroxyalkanoic ecid) synthesis in Alcaliganus autrophus. Mel. Microbiol., 6: 595-542.		
	. C19.	Steinbüchel, A. Grid, H.E. Valentin, 1985, Diversity of beginnin polyhydroxyalitatutc scids: FEMS Microbiol. Lett., 128: 219-228.		
	C20	Wang, W.B. and D.G. Lundgren. 1969, Poly-P-hydroxybutyrate in the chemolithotrophile bacterium Ferrobadillus ferroduidans. J. Bacteriot., 97: 947-980.		
V	€21	Wieczorek, R., A. Pries, A. Steinbrichet, and F. Mayer. 1995. Analysis of a 24- kilodelton putein associated with the polyhydroloyalkanolo acid granules in <i>Alcaligenes</i> autrophas: J. Besterick, 177: 2425-2435.		
A	C 222	Misrzonek, R., A. Steinbüchel, and B. Schmidt. 1996. Occurrence of polyhydroxyalkanoic acid granule-associated proteins related to the Alceligenes surophus H16 GA24 protein in other bacteria. FENIS Microbiol. Lett., 135, 23-30.		

DATE CONSIDERED: 11/19/03

EXAMPLE: Initial'if ortation considered, whether or not citation is in contamence with MPEP 609: Draw fire-through-citation if for in conformance and not considered. Include copy of this form with next communication to applicant.

PAGE 515 " RCVO AT 11/18/2010 4:45:52 PM (Fastern Standard Time)" SVR:USPTO-EFXRE 7/11" DNS:7464076 " CSID:404 898 8982 " DURATION (num-se):02-48